

# Engineering Specification

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

## Class 600 Pressure Sensor

### Class 250, Class 300, and Class 600

The Class 600 is a heavy-duty, media-isolated pressure transducer compatible with both aqueous and aggressive media.

This sensor is used on the following Smart Strainer models:

- 752 SM
- 794MFD SM
- 794MFH SM
- 796MFD SM
- 796MFH SM.

#### Features

- Rugged, stainless steel construction
- NSF/ANSI/CAN 61
- Compatible with harsh environments



#### Specification

Call customer service if you need assistance with technical details.

Pressure	
Measuring Range	0–500 psi
Accuracy	±0.75% FS
Electrical Data	
Power Supply	5 VDC (±5%)
Output Signal	Ratiometric
Power Consumption	Approx. 33 mW
Materials	
Wetted Materials	Port Stainless Steel 304L Diaphragm Stainless Steel 316L
External Connector	PBT 30%GF (UL V-0)
Environmental Standards	
Ingress Protection	IP65, IP67
Temperature Cycling	>6 Cycles from -30°C to 50°C (-22°F to 122°F)
Vibration	10–2000 Hz, 20G
EMC Rating	CE Conformity
System Conditions & Environment	
Liquid Types	Aqueous, Hydraulic/Brake Fluids, Beverage, Oil/Gasoline/Diesel, Refrigerants
Operating Temperature	-40°C to 125°C (-40°F to 257°F)
Maximum System Pressure	1740 psi
Burst Pressure	3000 psi
Certificates	
NSF/ANSI/CAN 61	
CE, UKCA, RoHS, REACH	

#### NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Mueller Steam Specialty product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Mueller Steam Specialty Technical Service. Mueller Steam Specialty reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Mueller Steam Specialty products previously or subsequently sold.



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## 1/8-27 NPT

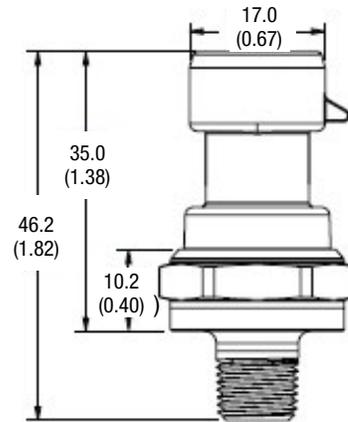
**Seal:** Pipe Thread

**Mating Geometry:** ANSI B1.20.1

**Installation Torque:** Two to three turns from finger tight

**Weight:** 1.0 oz

## Dimensions



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